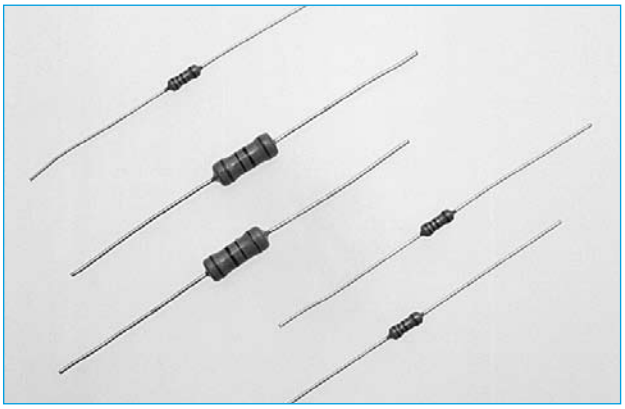
- 0.6W in 0.25W size
- 1%, E-96 values

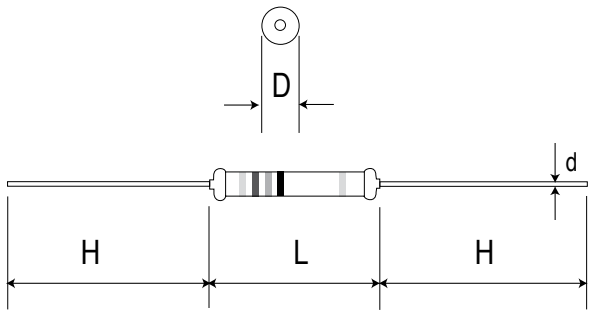


The DMR range is available in power ratings from 1/6W to 2W. The DMR25 offers a nominal 0.6W power rating in a standard 1/4W size. Resistors are manufactured to JIS-5202 specifications and tested following MIL-R-22684, giving repeatable performance between batches.

All product is coloured light blue with an easily readable 5-colour code.

Operating Temperature: -55°C to 155°C

OUTLINE DRAWING



TYPE	L	øD	H	ød
DMR12	3.3±0.4	1.8±0.3	28±2.0	0.5±0.05
DMR25	6.3±0.5	2.3±0.3	28±2.0	0.6±0.05
DMR100	11.5±1.0	4.5±0.5	35±2.0	0.8±0.05
DMR200	15.5±1.0	5.0±0.5	33±2.0	0.8±0.05

SECTION 4

RANGE

Type	Power/W	Range, E24 & E96	Temperature Coefficient Max.	Working Voltage (70°C) Max.	Overload Voltage (70°C)
DMR12	0.166	10Ω-1MΩ	50ppm	200	400
DMR25	0.6	10Ω-1MΩ	50ppm	300	600
DMR100	1	10Ω-1MΩ	100ppm	500	1000
DMR200	2	10Ω-1MΩ	100ppm	500	1000

ORDERING INFORMATION

DMR	25	1	T	75R	*
	Type	Tolerance	Taping	Value	
	12 = 0.166W 25 = 0.6W 100 = 1W 200 = 2W	1% = 1 0.5% = 05 0.1% = 01	BD = Tape and reel T = Tape and ammo	in ohms	

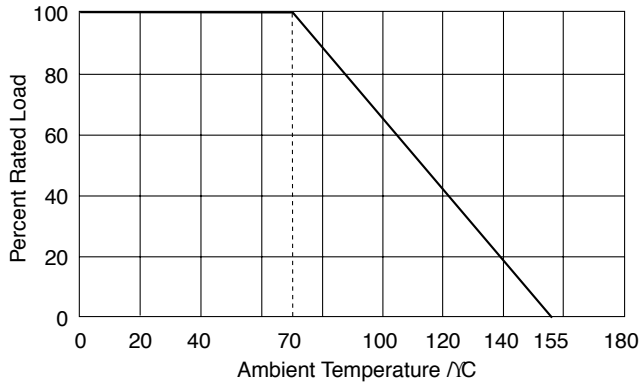
* Parts also available with 26mm width taping - add PT26 to end of part numbeR. High precision tolerance available to special order with extremely low ppm temperature coefficient e.g. 0.1% 15ppm Taping specification available on page 134.

SPECIFICATION

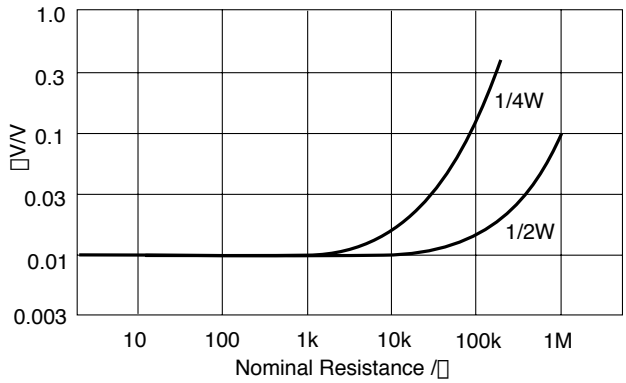
PERFORMANCE TEST	TEST METHOD		APPRAISE
Short Time Overload	JIS-C-5202 5.5	2.5 Times RCWV for 5 seconds	± (0.25%+0.05Ω)
Dielectric Withstanding Voltage	JIS-C-5202 5.7	in V- Block for 60 seconds	by Type
Temperature Coefficient of Resistance	JIS-C-5202 5.2	-55˚C to 155˚C	by Type
Insulation Resistance	JIS-C-5202 5.6	in V-Block	>10000MΩ
Solderability	JIS-C-5202 6.5	260˚C for ±5 Seconds	95% Min. Coverage
Resistance to Solvent	JIS-C-5202 6.9	Trichloroethane for 1 Min. with Ultrasonic	No Deterioration of coatings & markings
Terminal Strength	Direct Load for 10 Sec. in The Direction of Terminal Leads		≥2.5kg (24.5N)
Pulse Overload	JIS-C-5202 5.8	4 Times RCWV 10000 Cycles (1 Sec. on, 25 Sec. off)	±(2%+0.05Ω)
Load Life in Humidity	JIS-C-5202 7.9	40±2˚C, 90~95% RH at RCWV for 1000 hrs. (1.5 Hrs. on, 0.5 Hrs. off)	±(1.5%+0.05Ω)
Load Life	JIS-C-5202 7.10	70˚C at RCWV for 1000 Hrs. (1.5 Hrs. on, 0.5 Hrs off)	±(1.5%+0.05Ω)
Temperature Cycling	JIS-C-5202 7.4	-55˚C Room Temp. 155˚C Room Temp. for 5 Cycles	±(0.25%+0.05Ω)
Resistance to Soldering Heat	JIS-C-5202 6.4	350˚C ± 10˚C for 3±0.5 seconds	±(0.25%+0.05Ω)

*Rated Continuous Working Voltage (RCWV) = √ Power Rating x Resistance Value

POWER DE-RATING



CURRENT NOISE



SECTION 4